

FIG 1

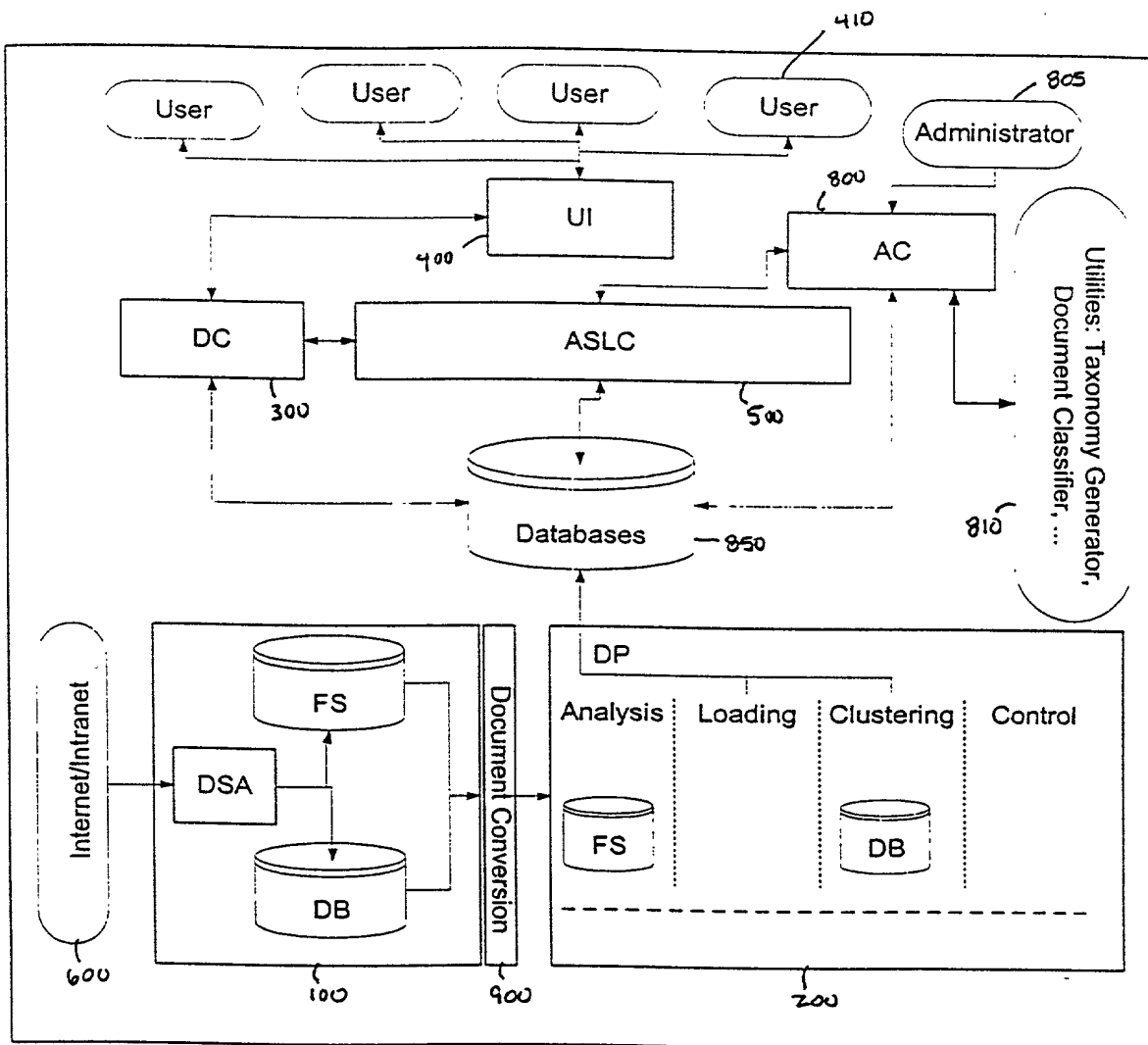


FIG 2

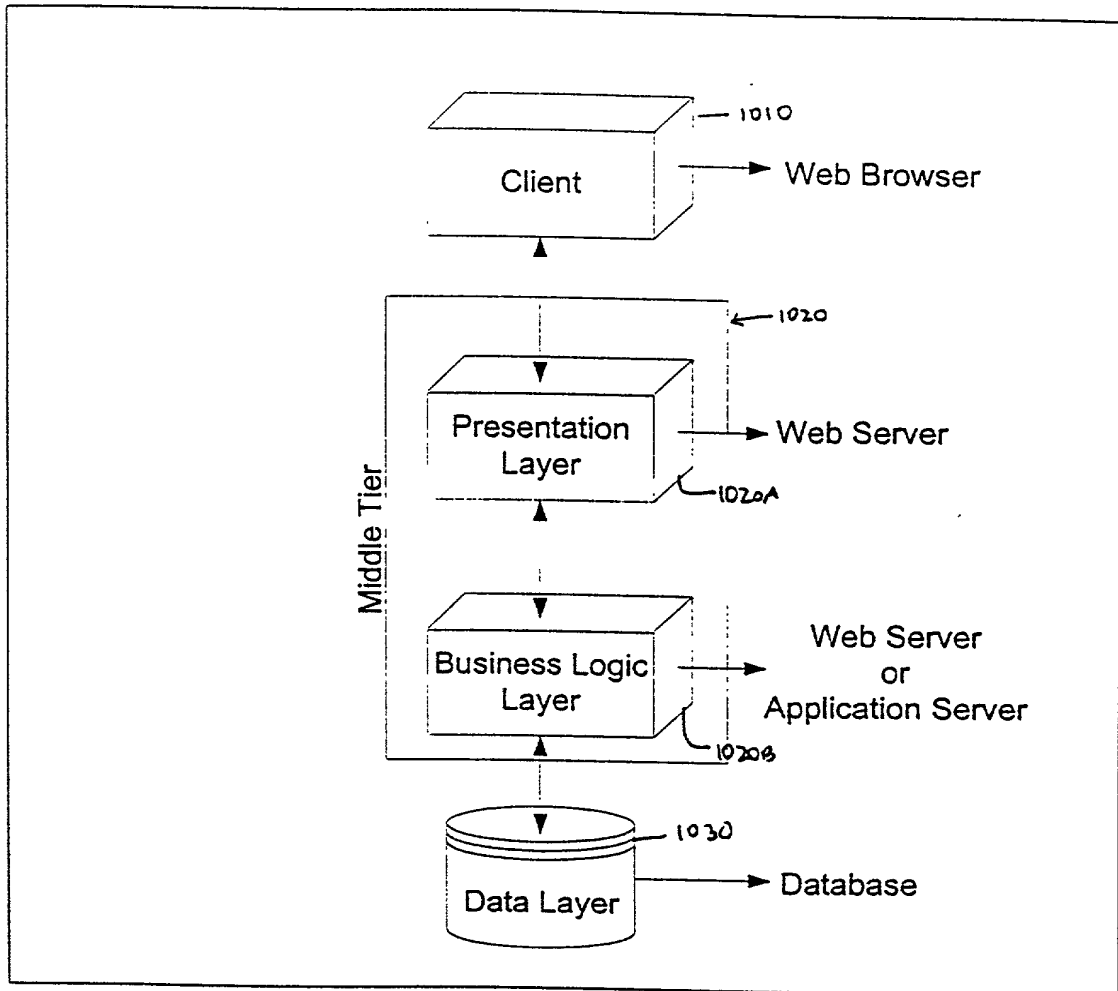


FIG 3

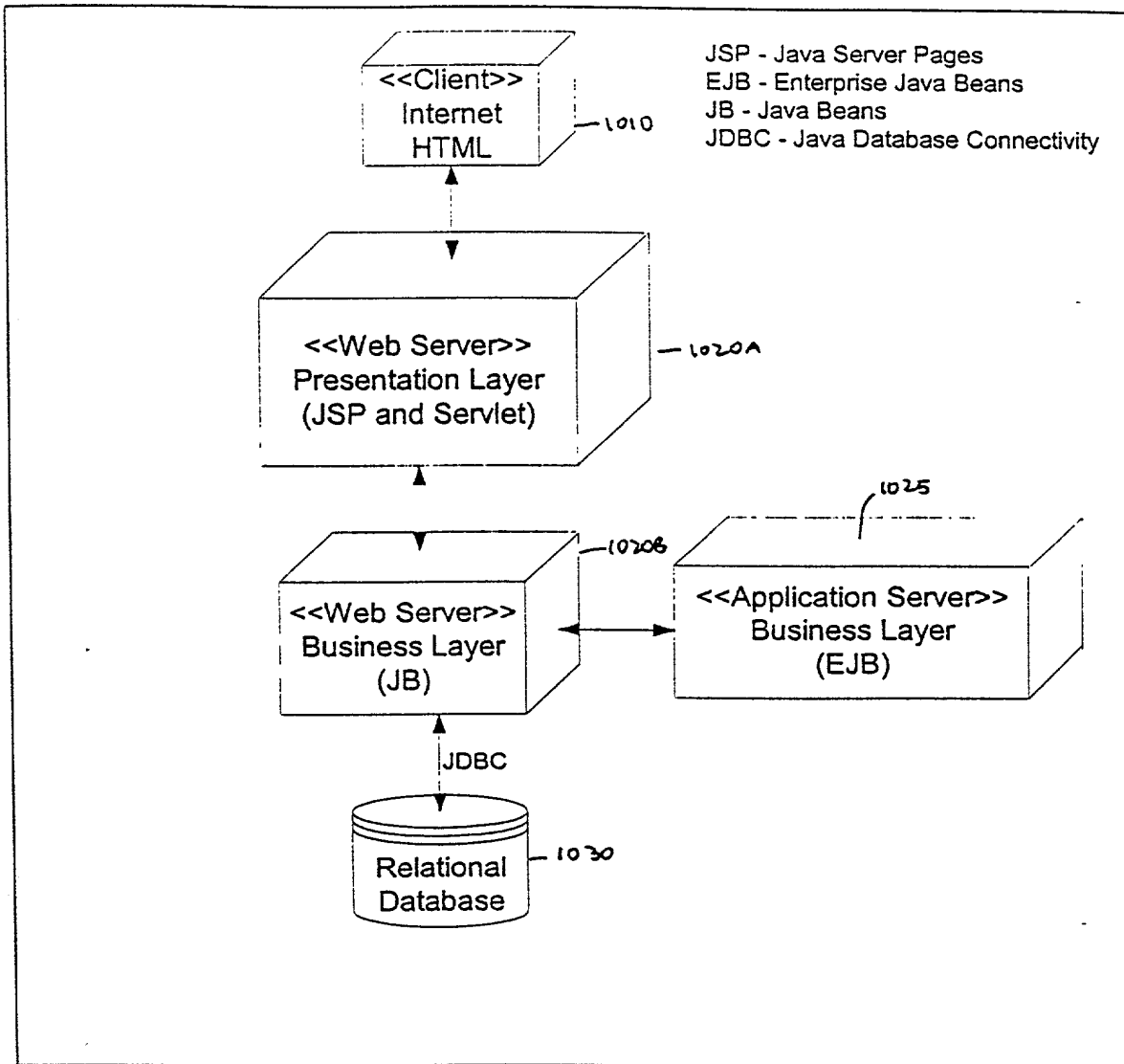


FIG 4

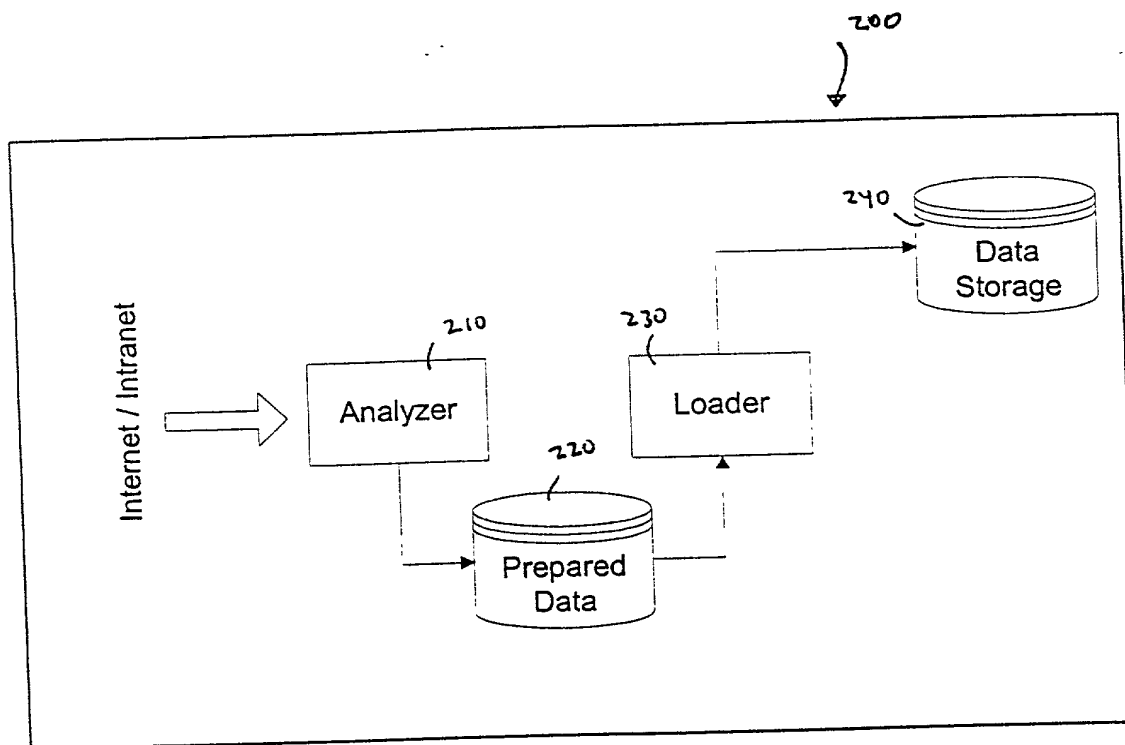


FIG 5

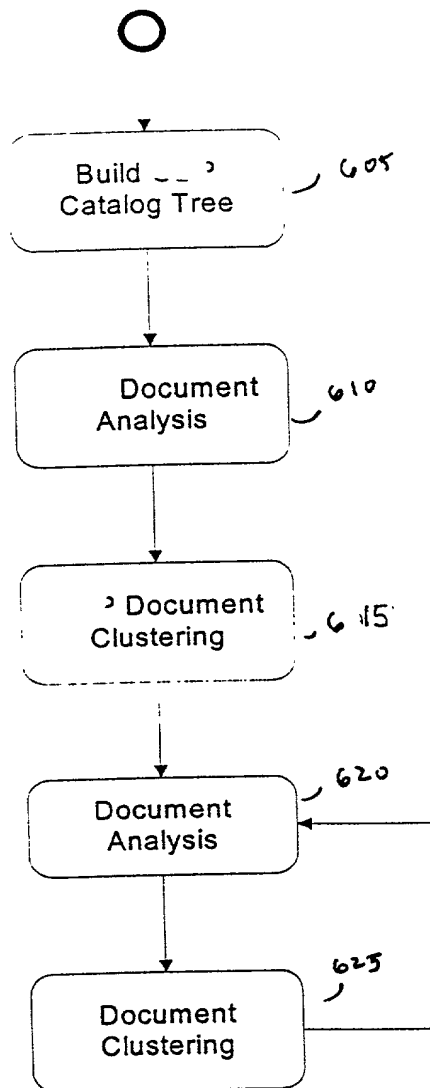


FIG 6

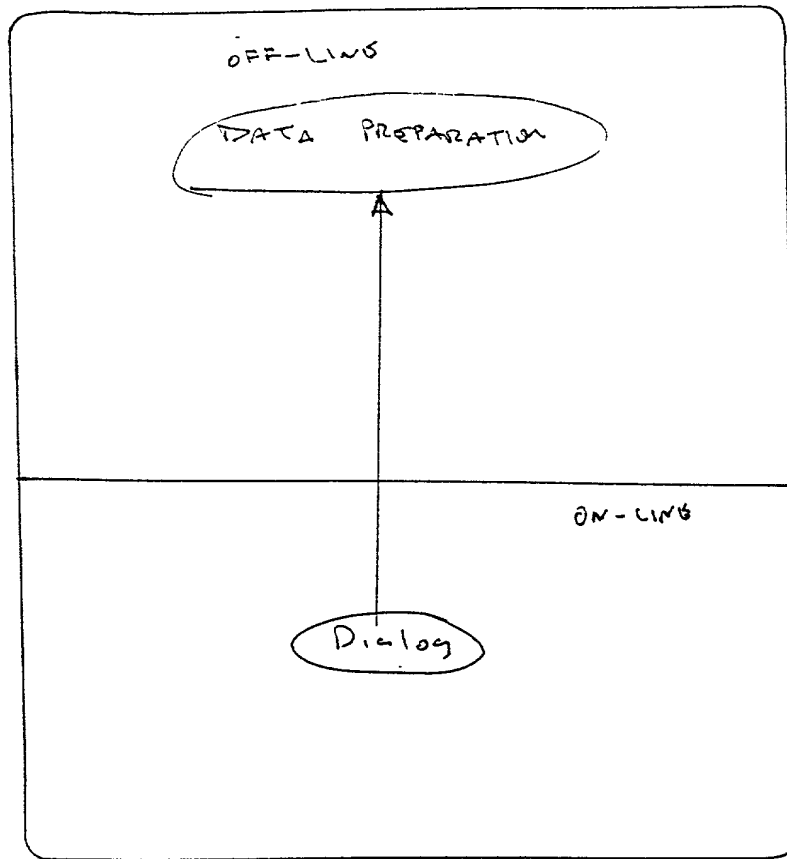


Figure 7

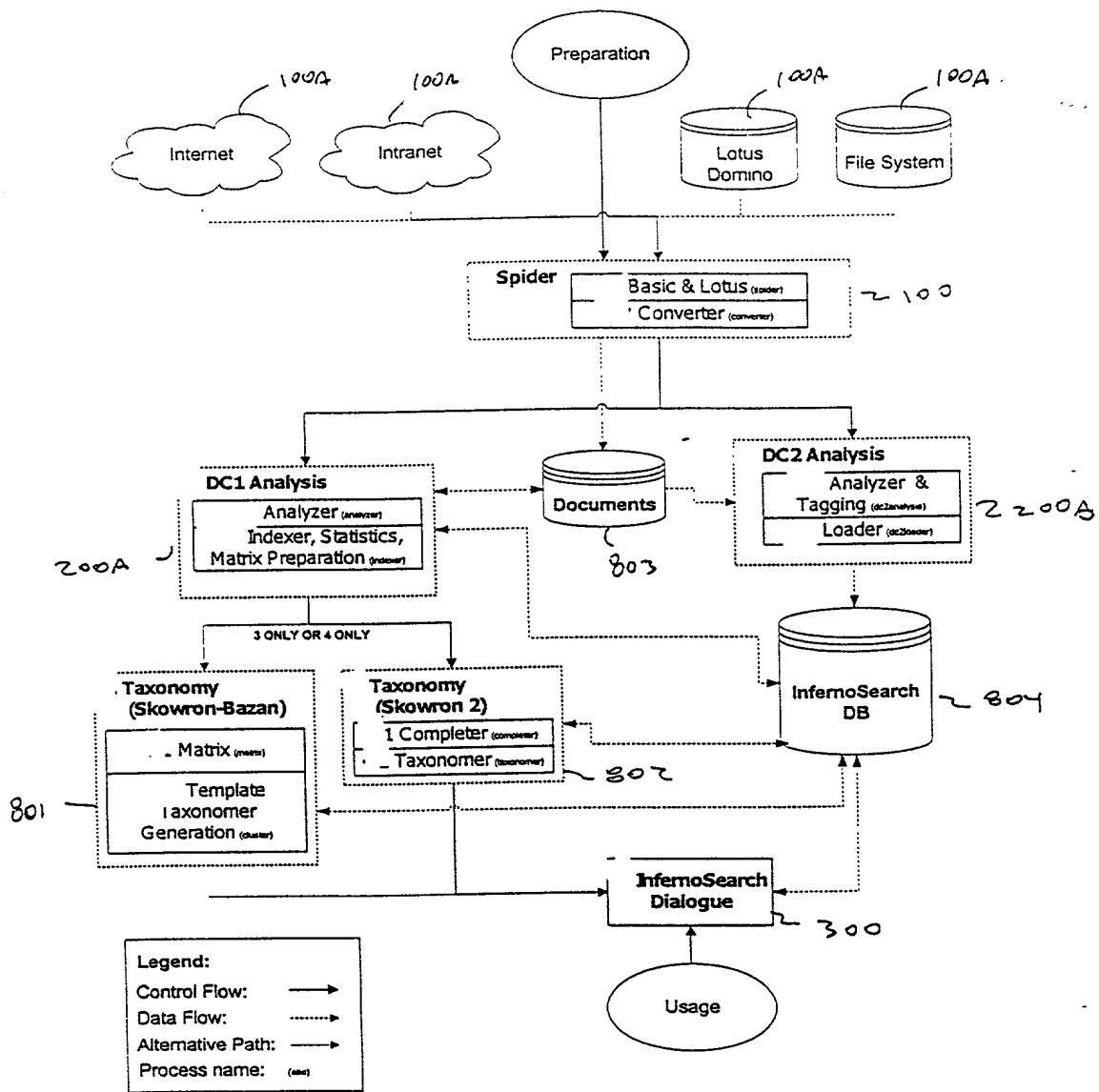


FIGURE 2

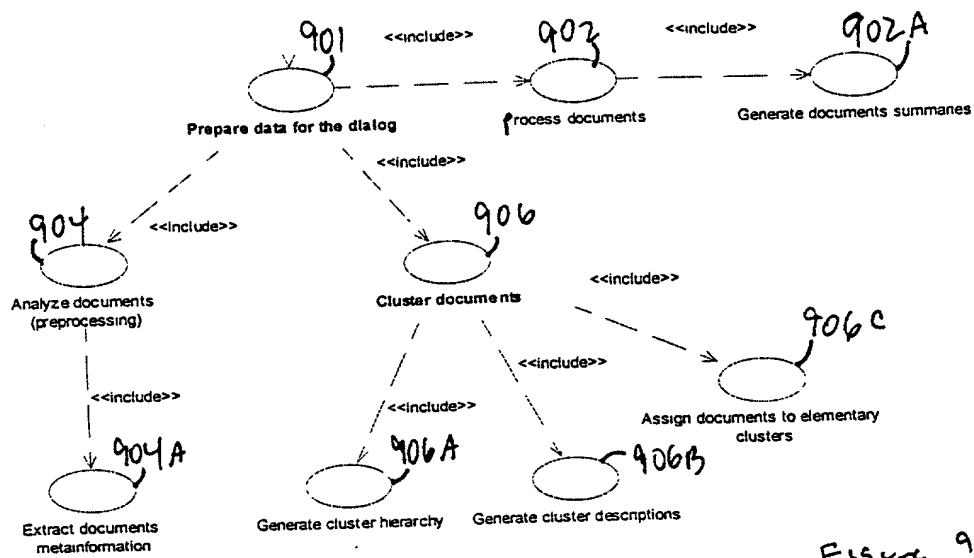
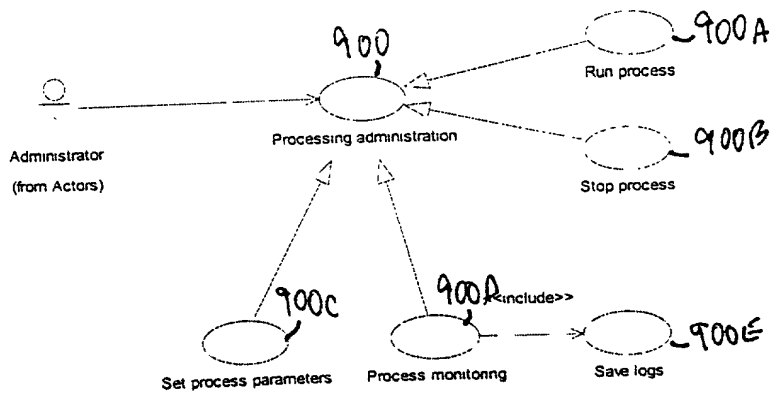


Figure 9

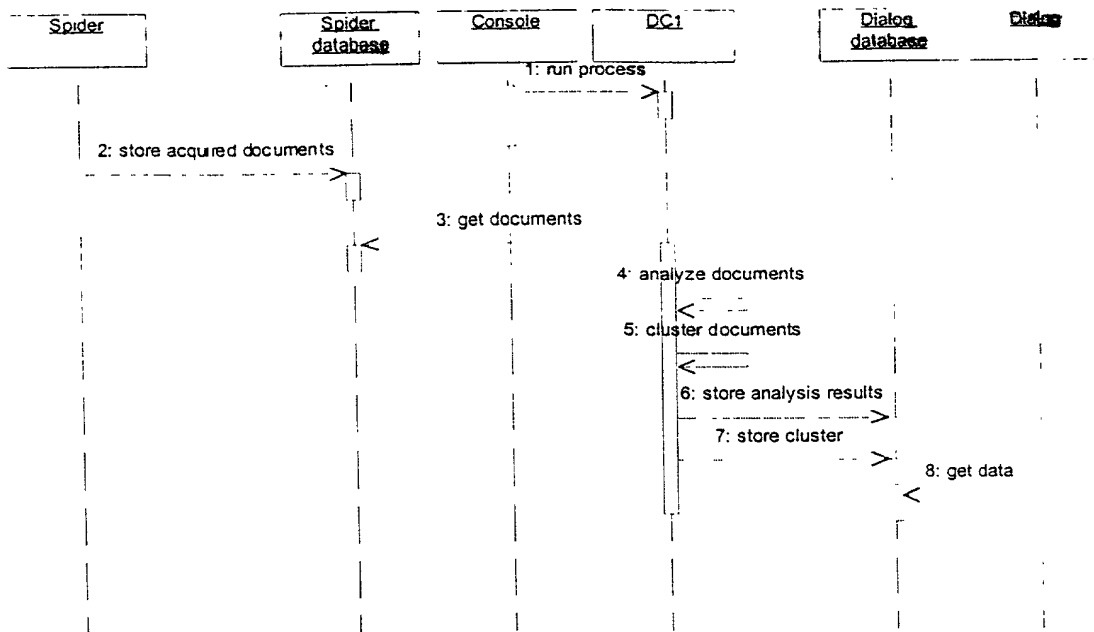


Figure 10

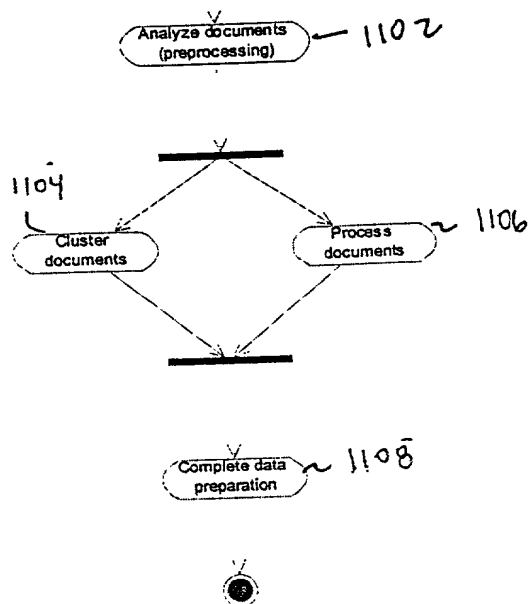


Fig. 11

Figure 12

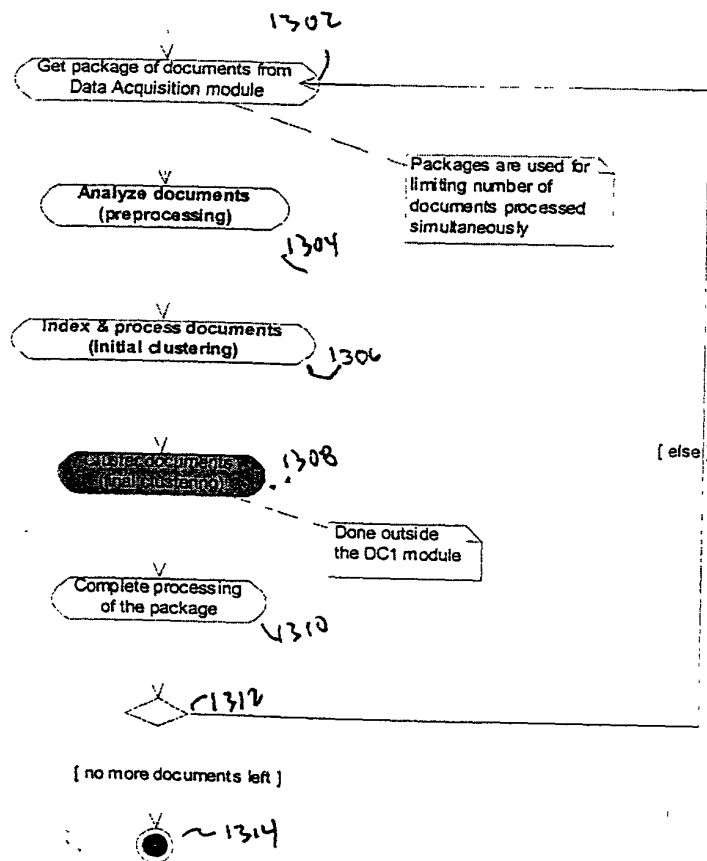
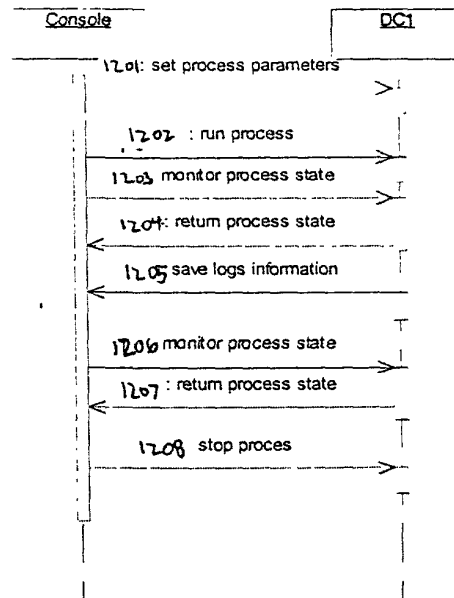


Figure 13

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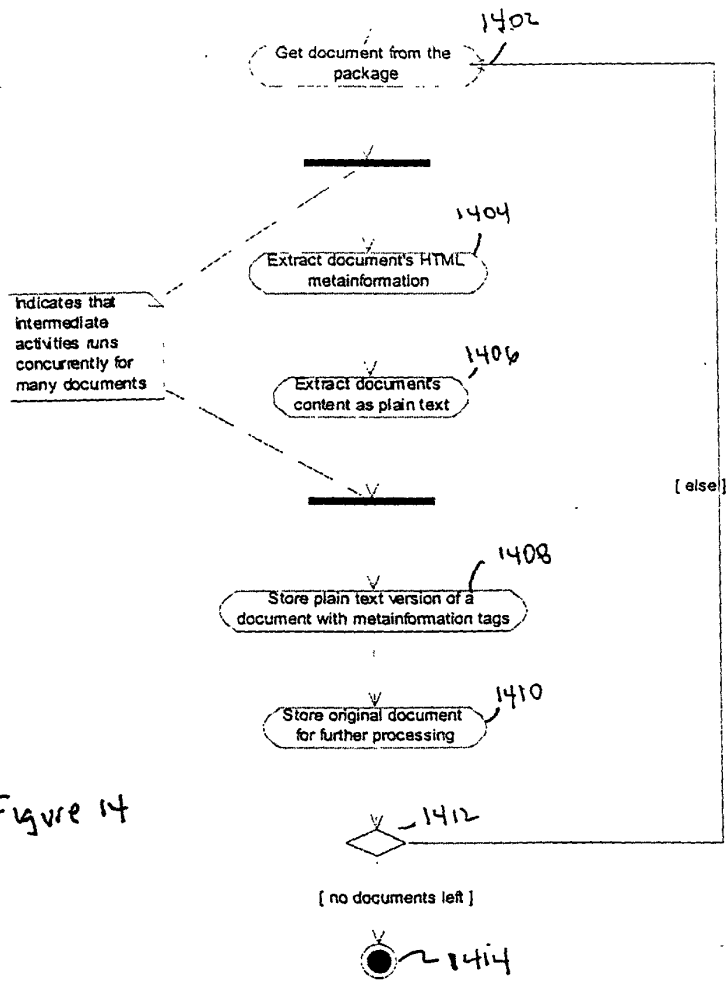


Figure 14

Terms "cluster" and "set of documents containing the same phrase" are equivalent on this diagram

Create local reverted index and dictionary of words/phrases

1502

Generate documents' summaries and prepare statistical data for final clustering

1504

Update global data with local data

1506

Generate clusters hierarchy

1508

Generate clusters descriptions

1510

Find elementary clusters with too many documents

1512

Find documents not covered by any elementary cluster

1514

Complete initial clustering

1516

Figure 15

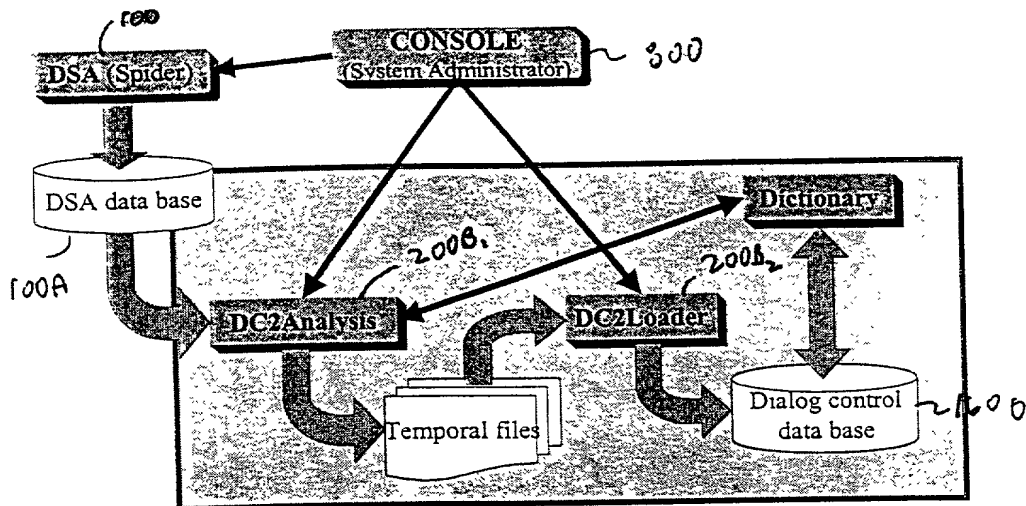


Figure 16

Legends

	Data flow
	Control flow

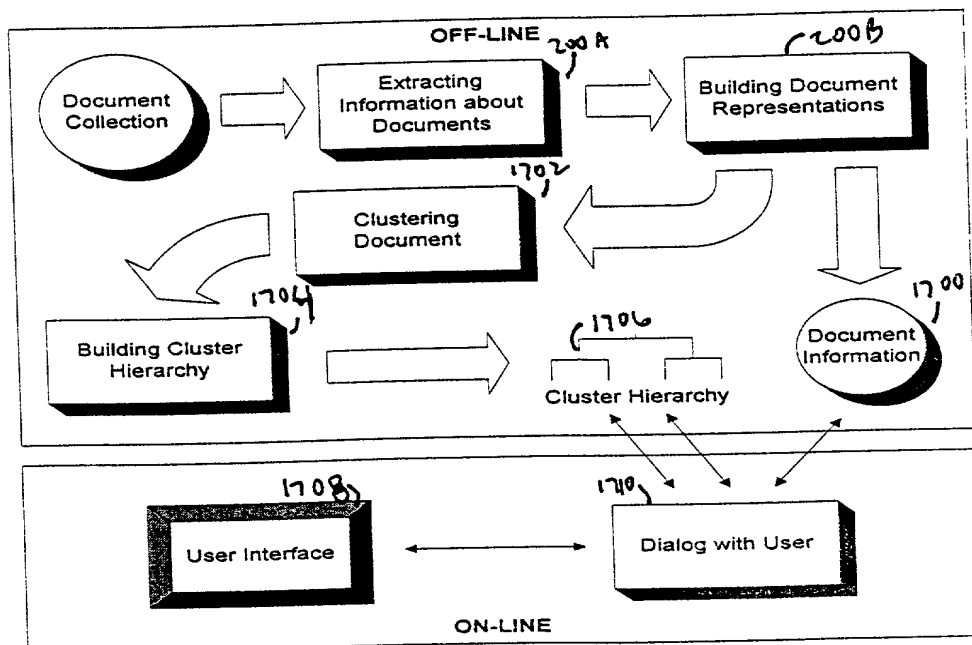


Figure 17

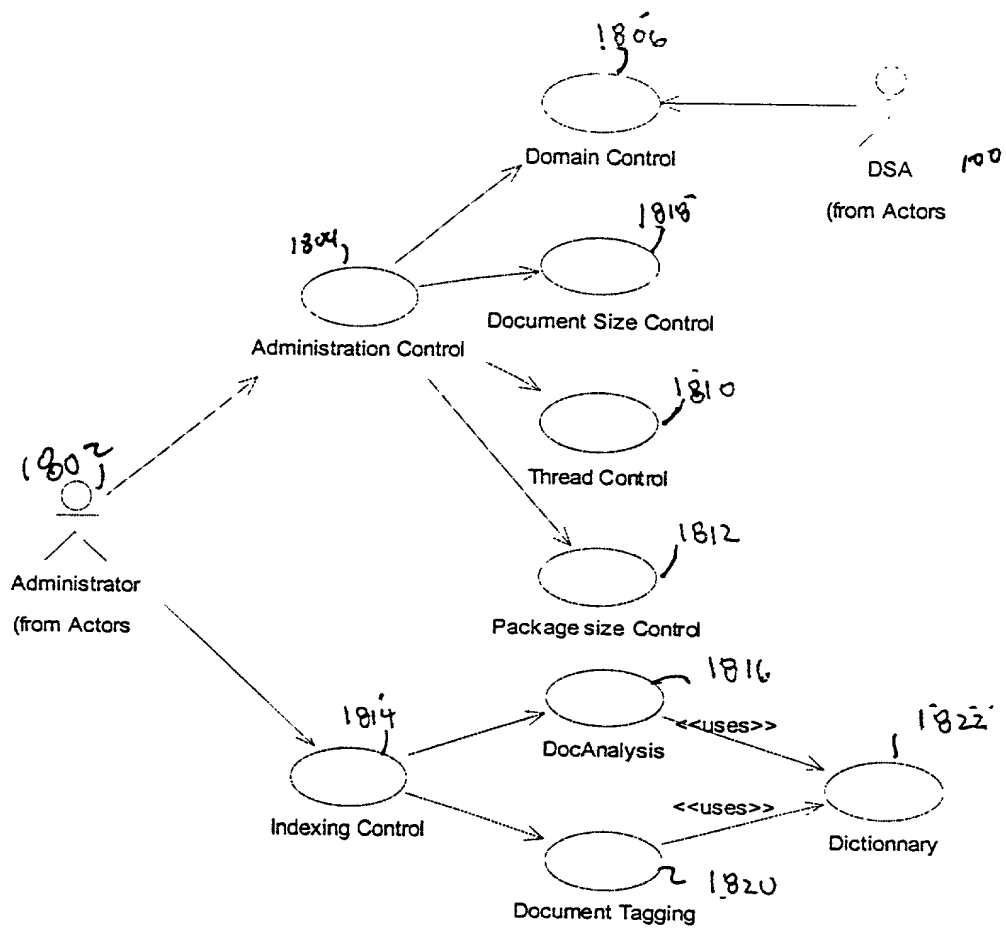


Figure 18

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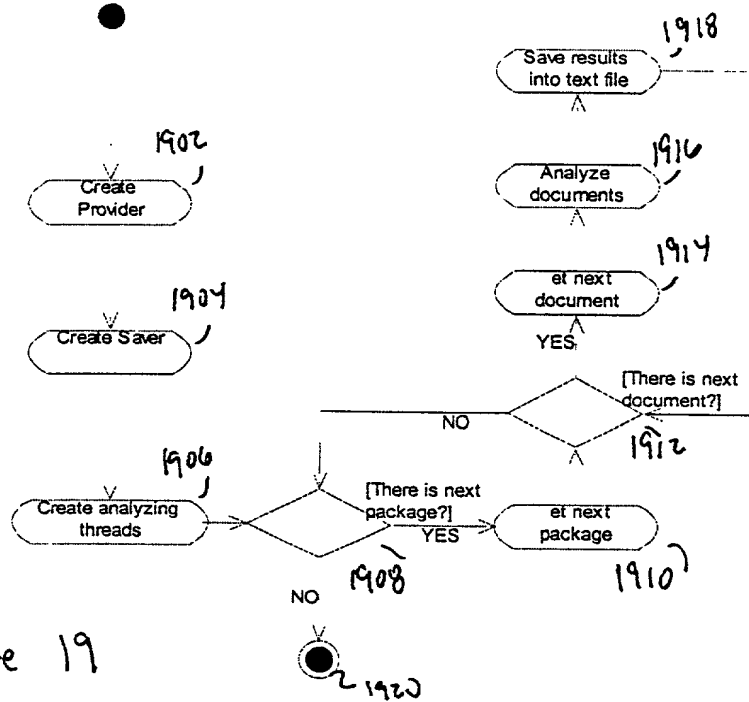


Figure 19

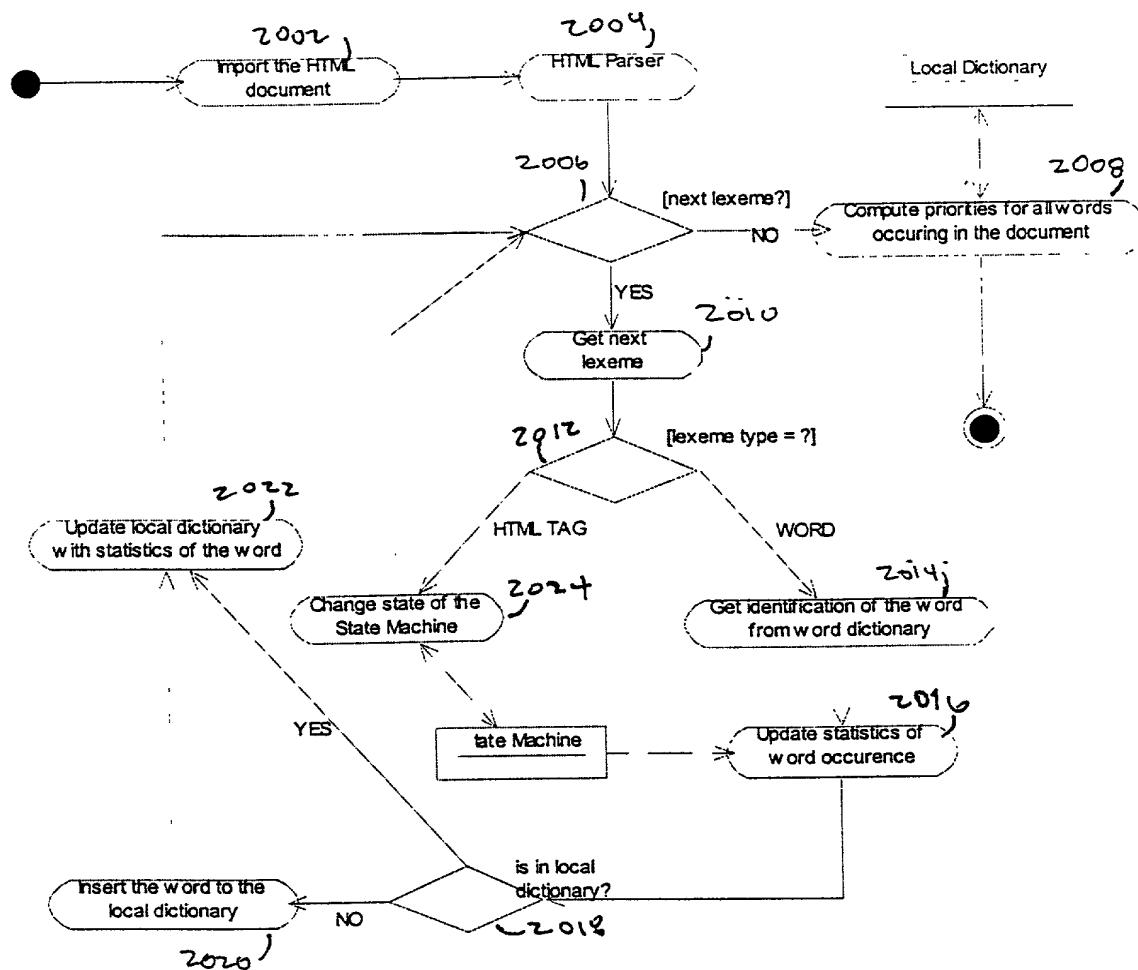


Figure 20

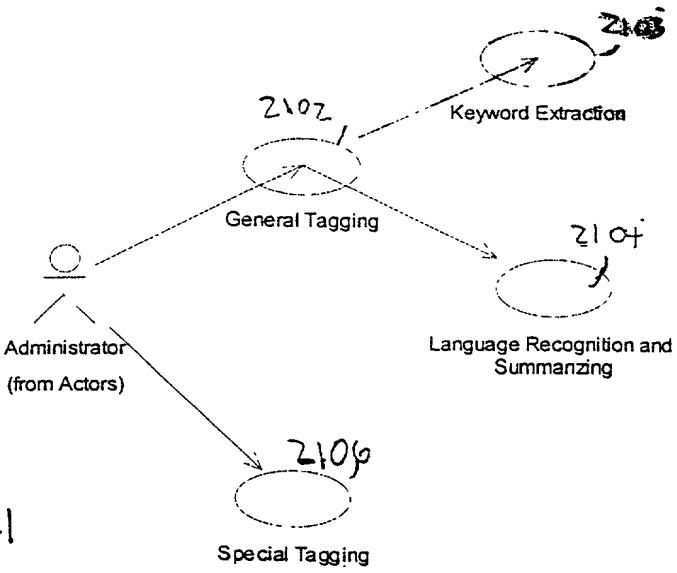


Figure 21

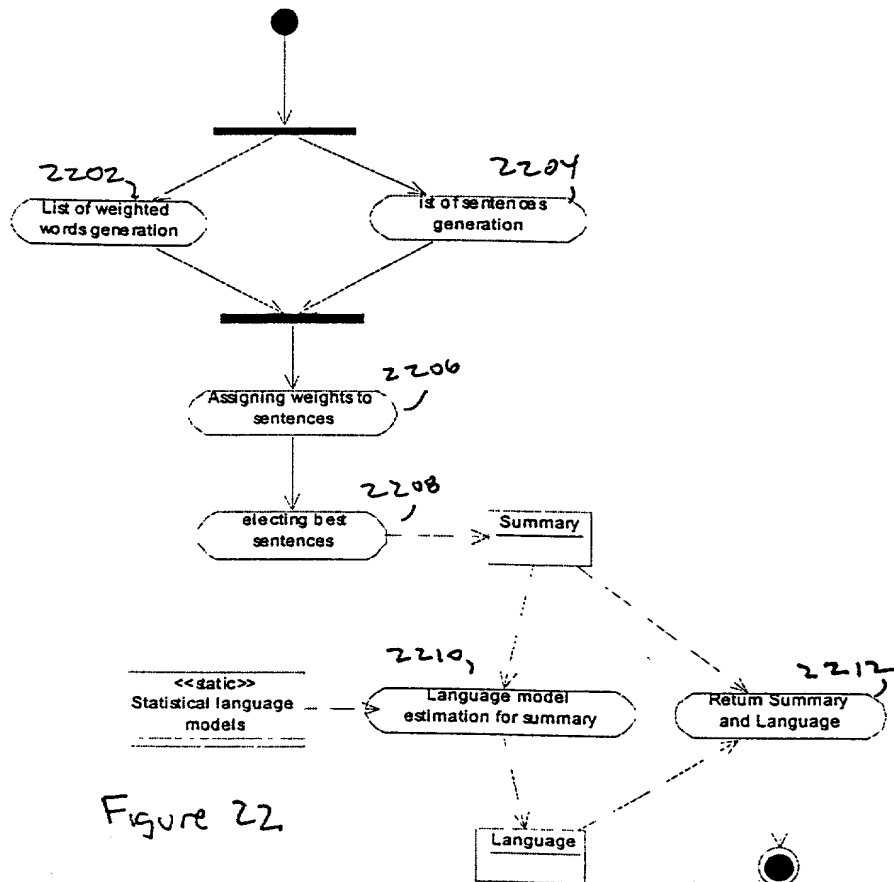


Figure 22

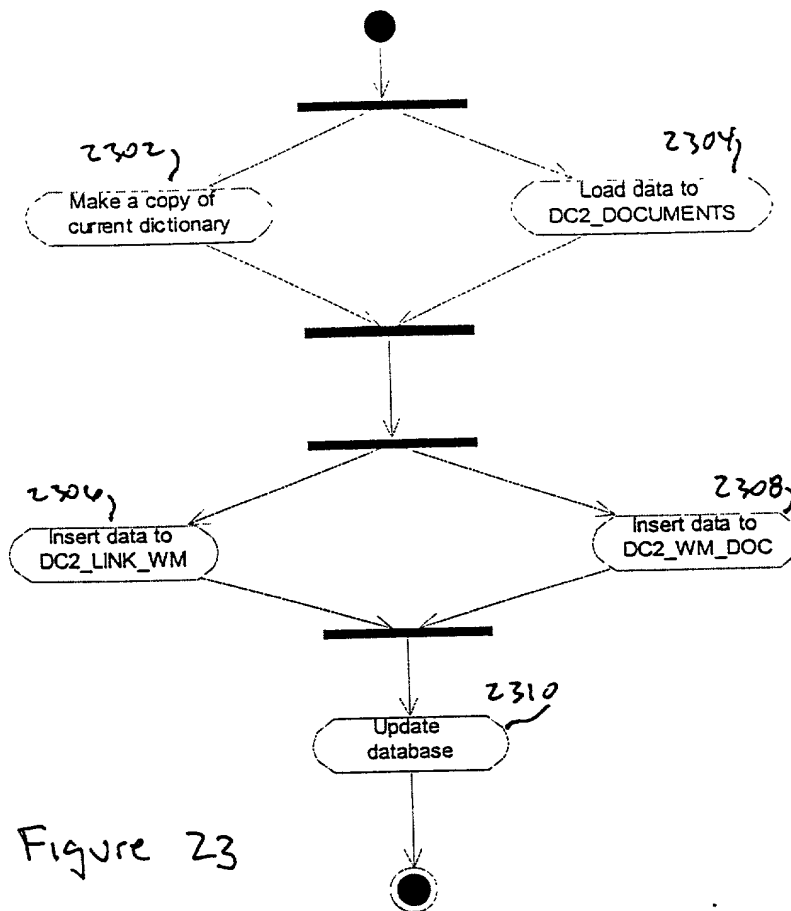


Figure 23

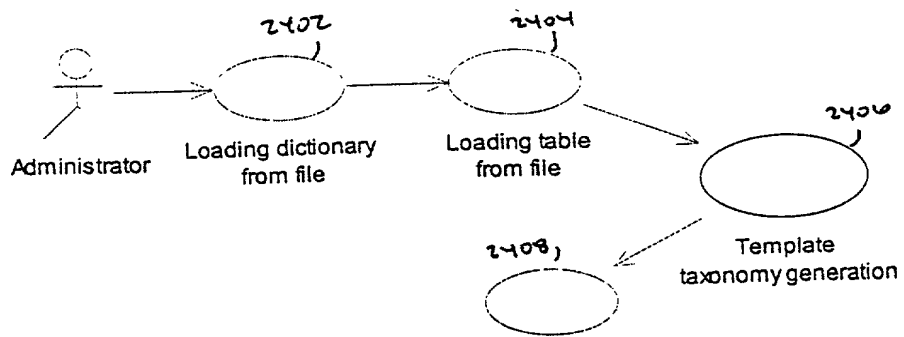


Figure 24

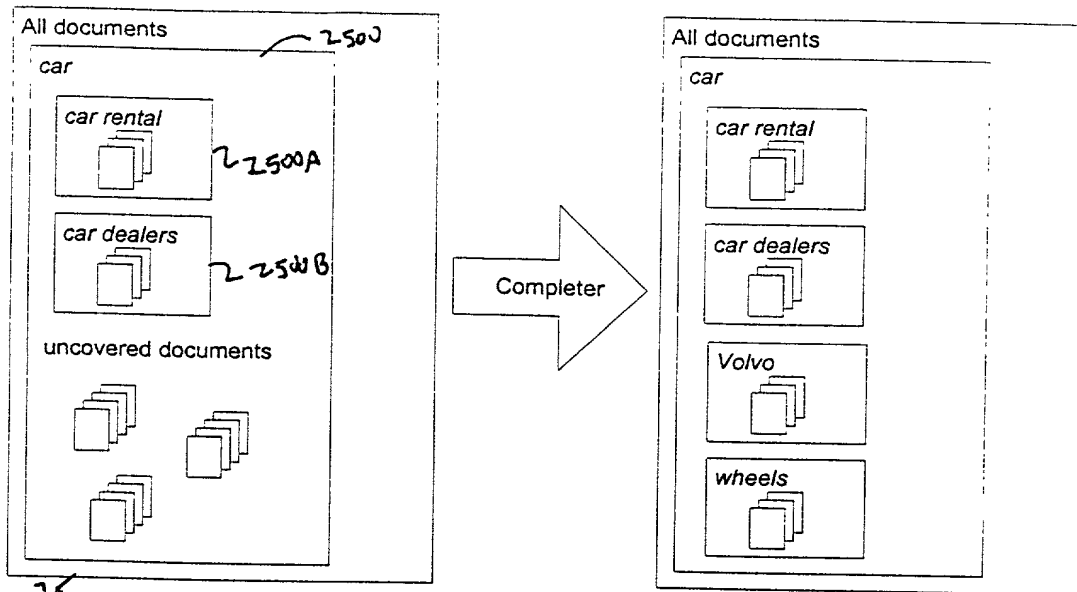


Figure 25

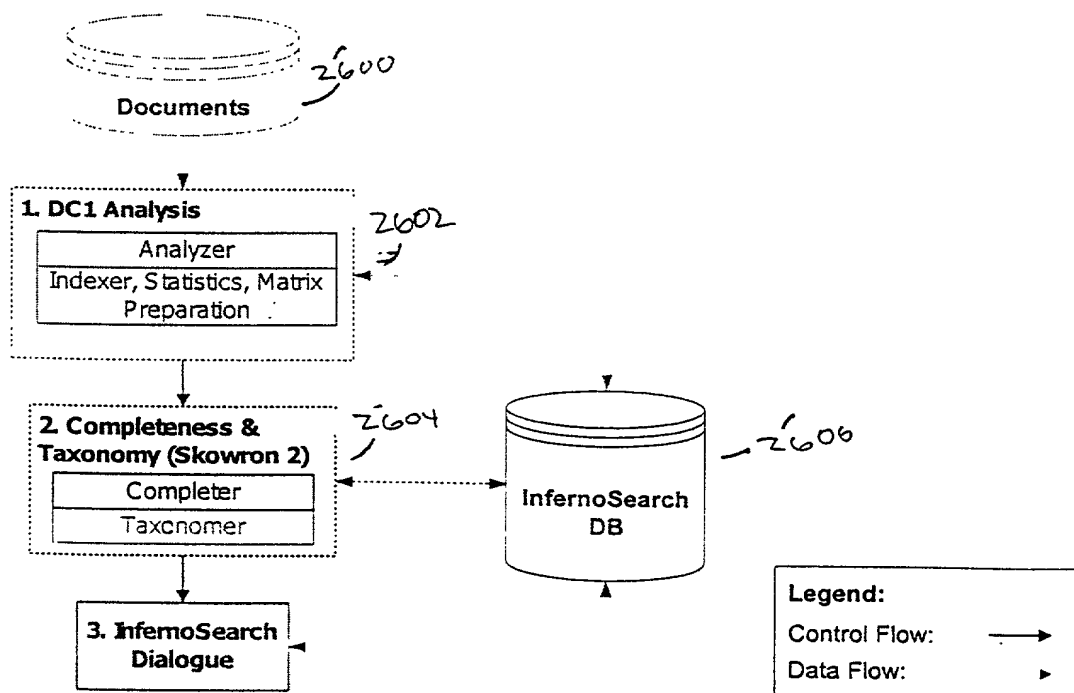
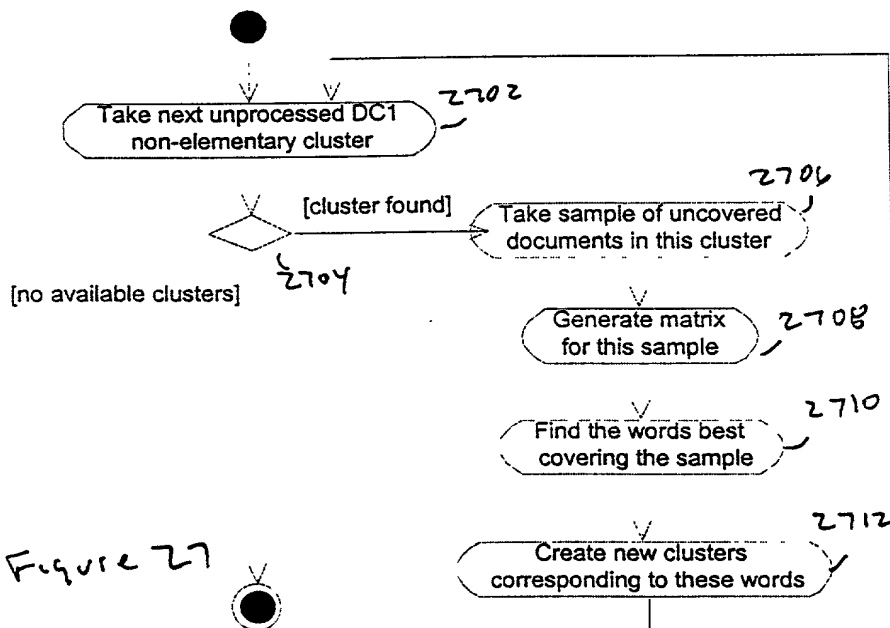
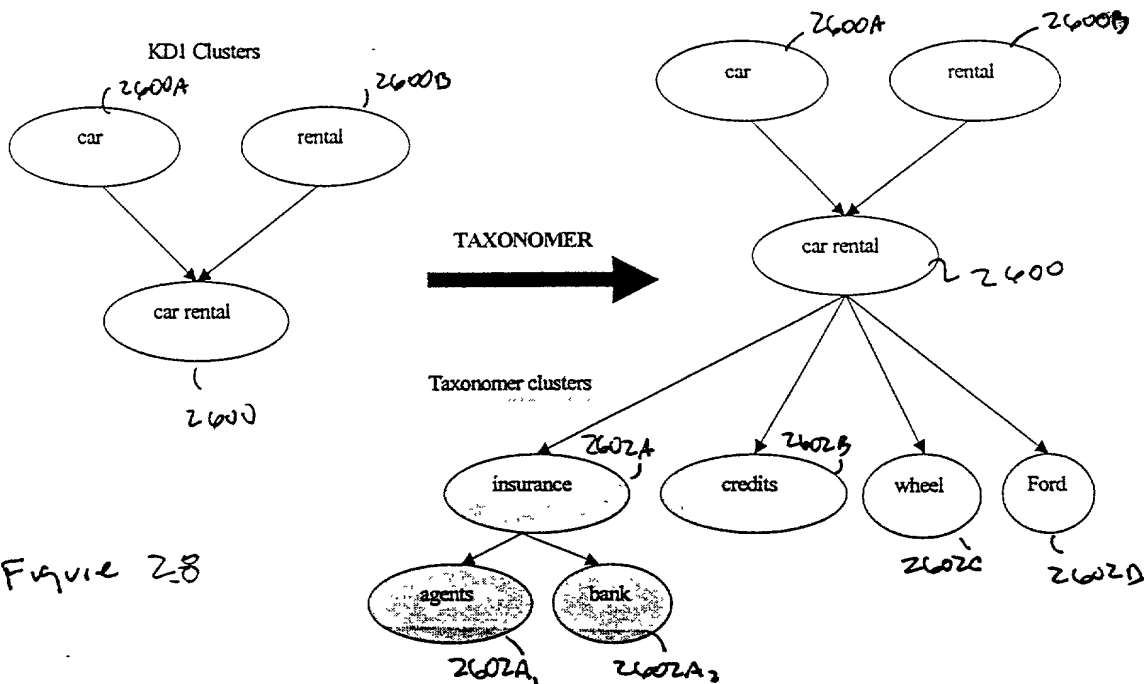


Figure 26



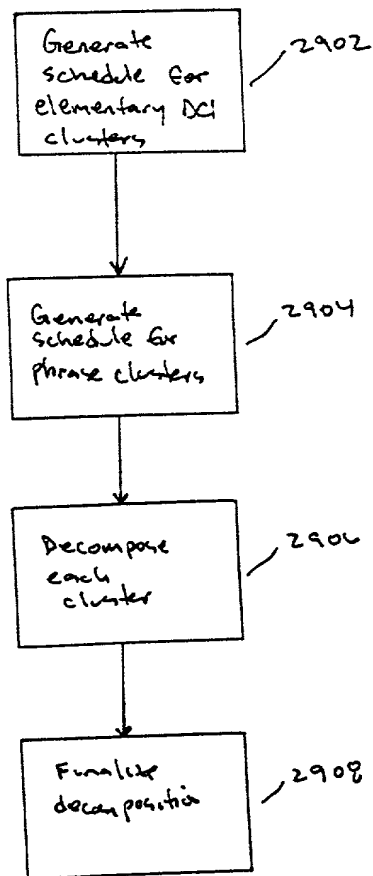


Figure 29

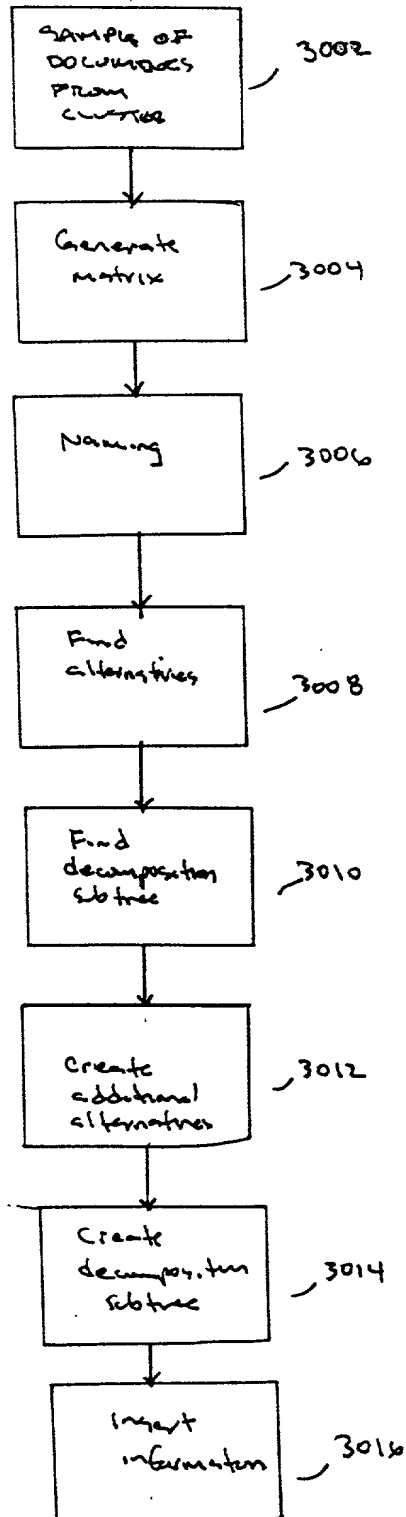


Figure 30